

# METHOD FOR RECEIVING FREE WIRELESS PUBLIC BROADCAST SERVICES WITH A MOBILE STATION

## Abstract

A method for receiving public broadcast services with a wireless device compatible with the Global System for Mobile communications (GSM) protocol is disclosed. The method includes performing a radio frequency (RF) scan on all frequencies in at least one predetermined frequency band to identify all possible Broadcast Control Channels (BCCHs), measuring Received Signal Strength Indicator (RSSI) levels for each BCCH, and sorting the BCCHs according to the corresponding RSSI levels. The wireless device next selects a BCCH having a strongest average RSSI level and camps on a cell corresponding to the selected BCCH. The wireless device is then able to receive GSM public broadcast services from a mobile phone network operating the selected BCCH irrespective of whether the wireless device subscribes to the mobile phone network.